

# 3.0 Megapixel Day/Night JPEG2000 HD Dome Camera



Avigilon's end-to-end surveillance solutions deliver image detail no other system can match. Avigilon Control Center software, featuring High-Definition Stream Management™ (HDSM™) technology combined with our broad range of megapixel cameras (from 1 MP to 29 MP) provide unprecedented clarity—while effectively managing storage and bandwidth requirements. Our components are scalable and can work together in an end-to-end system, or can be customized to create your own powerful and cost-effective solution.

The innovative JPEG2000 HD dome camera is just one way Avigilon can help provide the very best monitoring and protection.



JPEG2000 HD dome cameras and accessories are ideal for indoor and outdoor applications, with an optional heater and built-in IR ring for more challenging environments. These cameras are vandal resistant and offer high-resolution image detail — effective for monitoring transportation, critical infrastructure and the movement of goods.

\*Lens sold separately

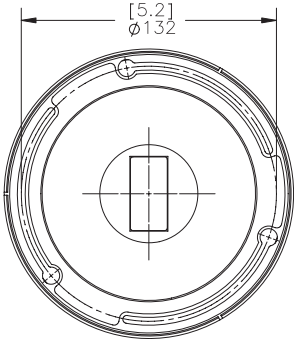
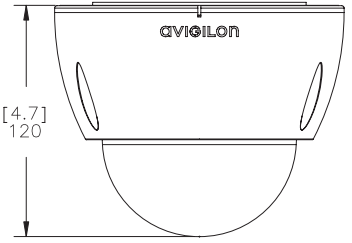
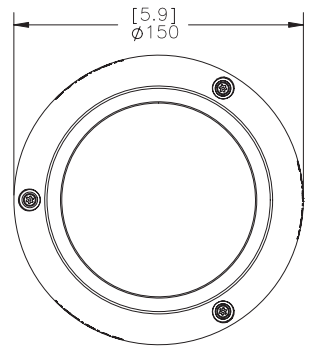
## KEY FEATURES

- 3.0 megapixel progressive scan CMOS sensor
- 12 images per second at full resolution and 39 images per second at 1280 x 720
- 61 dB true dynamic range
- 0.2 lux minimum illumination in color mode and 0.02 lux minimum illumination in monochrome mode
- Lossless JPEG2000 compression
- Automatic exposure control and DC-drive auto iris control
- Automatic removable IR cut filter for IR sensitivity at night with an option for integrated IR illumination
- Compatible with C and CS mount lenses
- Power over Ethernet, 24 VAC or 12 VDC power input
- External I/O interface
- Audio input and output
- Vandal-resistant construction
- IP66 compliant with outdoor mount

# Specifications

<b>CAMERA</b>	Image Sensor	1/2" progressive scan CMOS	
	Active Pixels	2048 (H) x 1536 (V)	
	Imaging Area	6.6 mm (H) x 4.9 mm (V); 0.258" (H) x 0.194" (V)	
	Minimum Illumination	0.2 lux ( F1.4) in color mode; 0.02 lux (F1.4) in monochrome mode	
	Dynamic Range	61 dB	
	Lens Mount	CS	
	Image Compression Method	JPEG2000	
	Image Rate	12 (at full resolution); 39 (at 1280 x 720)	
	Resolution Windowing	Down to 640 x 480 Window	
	Motion Detection	Selectable sensitivity and threshold	
	Electronic Shutter Control	Automatic, Manual (2 to 1/30000 sec)	
	Iris Control	Automatic, Manual	
	Day/Night Control	Automatic, Manual	
	IR Illuminator (Option)	850 nm wavelength, 15 m (50 ft) range maximum	
	Flicker Control	50 Hz, 60 Hz	
	White Balance	Automatic, Manual	
	Backlight Compensation	Automatic	
	Privacy Zones	Up to 4 zones	
	Audio Compression Method	G.711 PCM 8 khz	
	Audio Input/Output	Line input/output, I/O mini-jack (3.5 mm)	
External I/O Terminals	Alarm In, Alarm Out, RS-485		
<b>NETWORK</b>	Network	100BASE-TX	
	Cabling Type	CAT5	
	Connector	RJ-45	
<b>MECHANICAL</b>	Security	SSL	
	Protocol	UDP, TCP, SOAP, DHCP, Zeroconf	
	Dimensions (ØxH)	150 mm x 120 mm; 5.9" x 4.7"	
	Weight	0.91 kg (2.0 lbs) without lens	
	Dome Bubble	Polycarbonate, clear	
	Body	Aluminum	
	Housing	Surface mount, vandal resistant	
<b>ELECTRICAL</b>	Finish	Powder coat, cool gray 2	
	Adjustment Range	360° pan, 180° tilt, 180° azimuth	
	Power Source	VDC: 12-24 V VAC: 24 V PoE: IEEE802.3af Class 3 compliant	
	Power Consumption	6 W + 5.5 W with heater option + 3.5 W with IR illuminator option	
<b>ENVIRONMENTAL</b>	Power Connector	2-pin terminal block	
	Operating Temperature	-10 °C to +50 °C (14 °F to 122 °F) -30 °C to +50 °C (-22 °F to 122 °F) with heater option	
	Storage Temperature	-10 °C to +70 °C (14 °F to 158 °F)	
<b>CERTIFICATIONS</b>	Humidity	20 - 80% Relative humidity (non-condensing)	
	Safety	UL 60950 CSA 60950 EN 60950-1	CE ROHS WEEE
<b>ORDERING INFORMATION</b>	Environmental	IK10 Impact Rating	Meets IP66 Weather Rating
	Electromagnetic Emissions	FCC Part 15 Subpart B Class A IC ICES-003 Class A EN 55022 Class A	EN 61000-3-2 EN 61000-3-3 EN 61000-6-3
	Electromagnetic Immunity	EN 50130-4 EN 61000-4-2 EN 61000-4-3 EN 61000-4-4	EN 61000-4-5 EN 61000-4-6 EN 61000-4-11
	3.0MP-HD-DOME-DN	3.0 Megapixel Day/Night JPEG2000 HD Dome Camera	
3.0MP-HD-DOME-DN-H	3.0 Megapixel Day/Night JPEG2000 HD Dome Camera with Heater		
3.0MP-HD-DOME-DN-IR	3.0 Megapixel Day/Night JPEG2000 HD Dome Camera with IR Illuminator		
3.0MP-HD-DOME-DN-H-IR	3.0 Megapixel Day/Night JPEG2000 HD Dome Camera with Heater and IR Illuminator		
DOME-INDE-PLT	Indoor Electrical Box Mounting Plate		
DOME-IND-CEL	Indoor In-Ceiling Mount		
DOME-OD-BASE	Indoor/Outdoor Mounting Base		
DOME-OD-PEND	Indoor/Outdoor Pendant Mount		
DOME-SMOKE	Replacement smoked transparent cover.		

# Outline Dimensions



[X.X]	INCHES
X	MM

